



#17

<110> Renauld, Jean-Christophe
Fickensicher, Helmut
Dumoutier, Laure
Hor, Simon

<120> Isolated Cytokine Receptor LICR-2

<130> LUD 5752 NDH

<140> US10/026,106

<141> 2001-12-21

<160> 19

<210> 1

<211> 21

<212> DNA

<213> Homo sapiens

<220>

<400> 1

gggaaccaag gagctgctat g

21

<210> 2

<211> 21

<212> DNA

<213> Homo sapiens

<220>

<400> 2

tggcactgag gcagtggtgt t

21

<210> 3

<211> 20

<212> DNA

<213> Homo sapiens

<220>

<400> 3

aaggccatgg cggggccccga

20

<210> 4

<211> 20

<212> DNA

<213> Homo sapiens

<220>

<400> 4

cagaaggta gtgtctgaag

20

```

<210> 5
<211> 21
<212> DNA
<213> Homo sapiens
<220>
<400> 5
acctgcttct tgctggaggt c 21

<210> 6
<211> 21
<212> DNA
<213> Homo sapiens
<220>
<400> 6
catcagattc ggtggatgt c 21

<210> 7
<211> 1599
<212> DNA
<213> Homo sapiens
<220>
<400> 7

aaggccatgg cggggcccga gcgctgggc cccctgctcc tgcgtgcgtc gcaggccgct 60
ccagggaggc cccgtctggc ccctccccag aatgtgacgc tgctctccca gaacttcagc 120
gtgtacctga catggctcc cagggcttggc aaccccccagg atgtgaccta ttttgtggcc 180
atcagagctc tcccaccgt agacgggtggc gcgaagtggaa agagtgtgcg ggaacccaagg 240
agctgctatg ttctatgtatg tgccctgaaga aacaggacct gtacaacaagg ttcaaggac 300
gcgtgcggac ggtttctccc agctccaagt cccctgggt ggagtccgaa tacctggatt 360
accttttga agtggagccg gccccacctg tcctggtgct cacccagacg gaggagatcc 420
tgagtgccaa tgccacgtac cagctcccc cctgcattgc cccactggat ctgaagtatg 480
aggtggcatt ctggaaaggag gggggccggaa acaagaccct atttccagtc actccccatg 540
gccagccagt ccagatact ctccagccag ctgccagcga acaccactgc ctcagtgcca 600
gaaccatcta cacgttcaat gtcccgaaat acagcaagtt ctctaagccc acctgcttct 660
tgctggaggt cccagaagcg aactgggctt tcctggtgct gccatcgctt ctgatactgc 720
tgtagtaat tgccgcaggg ggtgtatct ggaagaccct catggggAAC ccctggtttc 780
agcgggcaaa gatgccacgg gcccctggact tttctggaca cacacaccct gtggcaacct 840
ttcagccccag cagaccagag tccgtaatg acttgggtct ctgtccccaa aagaactga 900
ccagaggggt caggccgacg cctcgagtca gggccccagc caccaacag acaagatgga 960
agaaggacct tgccagaggac gaagaggagg aggtgagga ggacacagaa gatggcgtca1020
gttccagcc ctacattgaa ccacccctt tcctggggca agagcaccag gctccaggc1080
actccggagggc tgggtgggtg gactcaggga gggccctggc tcctctggc ccaagcgaag1140
gctccctgc ttgggattct tcagacagaa gctggggcag cactgtggac tcctcctggg1200
acagggctgg gtcctctggc tattttggctg agaaggggccc aggccaagggg ccgggtgggg1260
atgggcacca agaatctctc ccaccacctg aattctccaa ggactcgggt ttcctggaaag1320
agctcccaga agataaacctc tcctcctggg ccacccctggg caccttacca ccggagccgaa1380
atctggtccc tgggggaccc ccagttctc ttcagacact gaccccttgc tggaaaagca1440

```

gccctgagga ggaagaggag gcgagggaat cagaaattga ggacagcgat gcgggcagct1500
ggggggctga gggcaccagg aggaccgagg acaggggccg gacattgggg cattacatgg1560
ccaggtgagc tgtccccca catcccaccg aatctgatg 1599

<210> 8
<211> 522
<212> PRT
<213> Homo sapiens
<220>
<400> 8
Met Ala Gly Pro Glu Arg Trp Gly Pro Leu Leu Leu Cys Leu Leu Gln
1 5 10 15
Ala Ala Pro Gly Arg Pro Arg Leu Ala Pro Pro Gln Asn Val Thr Leu
20 25 30
Leu Ser Gln Asn Phe Ser Val Tyr Leu Thr Trp Leu Pro Gly Leu Gly
35 40 45
Asn Pro Gln Asp Val Thr Tyr Phe Val Ala Tyr Gln Ser Ser Pro Thr
50 55 60
Arg Arg Arg Trp Arg Glu Val Glu Glu Cys Ala Gly Thr Lys Glu Leu
65 70 75 80
Leu Cys Ser Met Met Cys Leu Lys Lys Gln Asp Leu Tyr Asn Lys Phe
85 90 95
Lys Gly Arg Val Arg Thr Val Ser Pro Ser Ser Lys Ser Pro Trp Val
100 105 110
Glu Ser Glu Tyr Leu Asp Tyr Leu Phe Glu Val Glu Pro Ala Pro Pro
115 120 125
Val Leu Val Leu Thr Gln Thr Glu Glu Ile Leu Ser Ala Asn Ala Thr
130 135 140
Tyr Gln Leu Pro Pro Cys Met Pro Pro Leu Asp Leu Lys Tyr Glu Val
145 150 155 160
Ala Phe Trp Lys Glu Gly Ala Gly Asn Lys Thr Leu Phe Pro Val Thr
165 170 175
Pro His Val Thr Pro His Gly Gln Pro Val Gln Ile Thr Leu Gln Pro
180 185 190
Ala Ala Ser Glu His His Cys Leu Ser Ala Arg Thr Ile Tyr Thr Phe
195 200 205
Ser Val Pro Lys Tyr Ser Lys Phe Ser Lys Pro Thr Cys Phe Leu Leu
210 215 220
Glu Val Pro Glu Ala Asn Trp Ala Phe Leu Val Leu Pro Ser Leu Leu
225 230 235 240
Ile Leu Leu Leu Val Ile Ala Ala Gly Gly Val Ile Trp Lys Thr Leu
245 250 255
Met Gly Asn Pro Trp Phe Gln Arg Ala Lys Met Pro Arg Ala Leu Asp
260 265 270
Phe Ser Gly His Thr Thr His Pro Val Ala Thr Phe Gln Pro Ser Arg
275 280 285

Pro Glu Ser Val Asn Asp Leu Phe Leu Cys Pro Gln Lys Glu Leu Thr
 290 295 300
 Arg Gly Val Arg Pro Thr Pro Arg Val Arg Pro Ala Thr Gln Gln Thr
 305 310 315 320
 Arg Trp Lys Lys Asp Leu Ala Glu Asp Glu Glu Glu Asp Thr Glu
 325 330 335
 Asp Gly Val Ser Phe Gln Pro Tyr Ile Glu Pro Pro Ser Phe Leu Gly
 340 345 350
 Gln Glu His Gln Ala Pro Gly His Ser Glu Ala Gly Gly Val Asp Ser
 355 360 365
 Gly Arg Pro Arg Ala Pro Leu Val Pro Ser Glu Gly Ser Ser Ala Trp
 370 375 380
 Asp Ser Ser Asp Arg Ser Trp Ala Ser Thr Val Asp Ser Ser Trp Asp
 385 390 395 400
 Arg Ala Gly Ser Ser Gly Tyr Leu Ala Glu Lys Gly Pro Gly Gln Gly
 405 410 415
 Pro Gly Gly Asp Gly His Gln Glu Ser Leu Pro Pro Pro Glu Phe Ser
 420 425 430
 Lys Asp Ser Gly Phe Leu Glu Glu Leu Pro Glu Asp Asn Leu Ser Ser
 435 440 445
 Trp Ala Thr Trp Gly Thr Leu Pro Pro Glu Pro Pro Asn Leu Val Pro
 450 455 460
 Gly Gly Pro Pro Val Ser Leu Gln Thr Leu Thr Phe Cys Trp Glu Ser
 465 470 475 480
 Ser Pro Glu Glu Glu Glu Ala Arg Glu Ser Glu Ile Glu Asp Ser
 485 490 495
 Asp Ala Gly Ser Trp Gly Ala Glu Ser Thr Gln Arg Thr Glu Asp Arg
 500 505 510
 Gly Arg Thr Leu Gly His Tyr Met Ala Arg
 515 520

<210> 9
 <211> 1469
 <212> DNA
 <213> Homo sapiens
 <220>
 <400> 9

aaggccatgg cggggccccga gcgcgtgggc cccctgctcc tgtgcctgct gcaggccgct 60
 ccagggaggc cccgtctggc ccctccccag aatgtgacgc tgctctccca gaacttcagc 120
 gtgtacctga catggctccc agggcttggc aaccccccagg atgtgaccta ttttgtggcc 180
 tatcagagct ctcccacccg tagacggtgg cgcgaaagtgg aagagtgtgc gggAACCAAG 240
 gagctgctat gtttatgat gtgcctgaag aaacaggacc tgtacaacaa gttcaaggga 300
 cgcgtgcgga cggtttctcc cagctccaag tccccctggg tggagtccga atacctggat 360
 taccttttg aagtggagcc ggccccacct gtcctggtgc tcacccagac ggaggagatc 420
 ctgagtgcga atgccacgta ccagctgccc ccctgcatgc cccccactgga tctgaagtat 480
 gaggtggcat tctggaagga gggggccgga aacaagaccc tatttccagt cactccccat 540

```

ggccagccag tccagatcac tctccagcca gctgccagcg aacaccactg cctcagtgcc 600
agaaccatct acacgttcag tgtccccaaa tacagcaagt tctctaagcc cacctgcttc 660
ttgctggagg tcccaggact tttctggaca cacacaccct gtggcaacct ttcagccag 720
cagaccagag tccgtgaatg acttgttcct ctgtccccaa aaggaactga ccagaggggt 780
caggccgacg cctcgagtca gggcccccagc cacccaacag acaagatgga agaaggacct 840
tgcagaggac gaagaggagg agatgagga ggacacagaa gatggcgtca gcttccagcc 900
ctacattgaa ccaccttctt tcttggggca agagcaccag gctccaggc actcggaggc 960
tggtgggttg gactcagggta gggccagggc tcctctggtc ccaagcgaag gctcctctgc 1020
ttgggattct tcagacagaa gctgggcccag cactgtggac tcctcctggg acagggctgg 1080
gtcctctggc tatttggctg agaaggggcc aggccaaggg ccgggtgggg atgggcacca 1140
agaatctctc ccaccacactg aattctccaa ggactcgggt ttccttggaaag agctcccaga 1200
agataaacctc tcctcctggg ccacctgggg caccttacca ccggagccga atctggtccc 1260
tgggggaccc ccagtttctc ttcatgacact gaccttctgc tggaaagca gccctgagga 1320
ggaagaggag gcgagggaaat cagaaattga ggacagcgtat gcgggcagct ggggggctga 1380
gagcaccctc aggaccgagg acagggcccg gacattgggg cattacatgg ccaggtgagc 1440
tgtcccccaq catccccaccq aatctqatq

```

<210> 10
<211> 244
<212> PRT
<213> *Homo sapiens*
<220>
<400> 10

Met	Ala	Gly	Pro	Glu	Arg	Trp	Gly	Pro	Leu	Leu	Leu	Cys	Leu	Leu	Gln
1				5					10					15	
Ala	Ala	Pro	Gly	Arg	Pro	Arg	Leu	Ala	Pro	Pro	Gln	Asn	Val	Thr	Leu
				20					25					30	
Leu	Ser	Gln	Asn	Phe	Ser	Val	Tyr	Leu	Thr	Trp	Leu	Pro	Gly	Leu	Gly
						35		40					45		
Asn	Pro	Gln	Asp	Val	Thr	Tyr	Phe	Val	Ala	Tyr	Gln	Ser	Ser	Pro	Thr
					50		55			60					
Arg	Arg	Arg	Trp	Arg	Glu	Val	Glu	Glu	Cys	Ala	Gly	Thr	Lys	Glu	Leu
					65		70			75				80	
Leu	Cys	Ser	Met	Met	Cys	Leu	Lys	Lys	Gln	Asp	Leu	Tyr	Asn	Lys	Phe
						85				90			95		
Lys	Gly	Arg	Val	Arg	Thr	Val	Ser	Pro	Ser	Ser	Lys	Ser	Pro	Trp	Val
					100			105			110				
Glu	Ser	Glu	Tyr	Leu	Asp	Tyr	Leu	Phe	Glu	Val	Glu	Pro	Ala	Pro	Pro
					115			120			125				
Val	Leu	Val	Leu	Thr	Gln	Thr	Glu	Glu	Ile	Leu	Ser	Ala	Asn	Ala	Thr
					130		135			140					
Tyr	Gln	Leu	Pro	Pro	Cys	Met	Pro	Pro	Leu	Asp	Leu	Lys	Tyr	Glu	Val
					145		150			155				160	
Ala	Phe	Trp	Lys	Glu	Gly	Ala	Gly	Asn	Lys	Thr	Leu	Phe	Pro	Val	Thr

165 170 175
Pro His Gly Gln Pro Val Gln Ile Thr Leu Gln Pro Ala Ala Ser Glu
180 185 190
His His Cys Leu Ser Ala Arg Thr Ile Tyr Thr Phe Ser Val Pro Lys
195 200 205
Tyr Ser Lys Phe Ser Lys Pro Thr Cys Phe Leu Leu Glu Val Pro Gly
210 215 220
Leu Phe Trp Thr His Thr Pro Cys Gly Asn Leu Ser Ala Gln Gln Thr
225 230 235 240
Arg Val Arg Glu

<210> 11
<211> 21
<212> DNA
<213> Homo sapiens
<220>
<400> 11
ttcagtgtcc cgaatacag c 21

<210> 12
<211> 20
<212> DNA
<213> Homo sapiens
<220>
<400> 12
aagaaggtagg ttcaatgtag 20

<210> 13
<211> 38
<212> DNA
<213> Homo sapiens
<220>
<400> 13
tggcagcacc atgatcaccc agttggcttc tggacct 38

<210> 14
<211> 35
<212> DNA
<213> Homo sapiens
<220>
<400> 14
aagactgagt tgatcaagag aatcagagcc ttaga 35

<210> 15
<211> 27

<212> DNA <213> Homo sapiens <220> <400> 15 aatgtctaga tgctgttctc atttacc	27
<210>16 <211> 24 <212> DNA <213> Homo sapiens <220> <400> 16 gctccatggg acgatgccgc tgtg	24
<210> 17 <211>20 <212> DNA <213> Homo sapiens <220> <400> 17 gtgaaatatt gctccgtcgt	20
<210> 18 <211> 27 <212> DNA <213> Homo sapiens <220> <400> 18 gaagaatatt gggcttcct ggtgctg	27
<210> 19 <211> 20 <212> DNA <213> Homo sapiens <220> <400> 19 cactgcattc tagttgtgg	20